This work deals with creation of system for routing simulation in wireless networks. System allows the user to enter relevant parameters for simulation and analyses the network. System can assign simulation parameters automaticaly based on chosen algorithm. First it counts node output powers and second communication routes. It is easy to add new algorithms. System is focused on user friendliness and good extensionality. The objective was not to implement realistic model of real network, but to create system where could be new algorithms tested. There is described architecture of the system in the work, so one can continue with development.